Haihang Ye

List of Publications by Year in Descending Order

33 papers	1,206 citations	20 h-index	34 g-index
35 ext. papers	1,420 ext. citations	7.8 avg, IF	4.6 L-index

#	Paper	IF	Citations
33	Plasmonic LAMP: Improving the Detection Specificity and Sensitivity for SARS-CoV-2 by Plasmonic Sensing of Isothermally Amplified Nucleic Acids.. *Small*, **2022**, e2107832	11	2
32	Digital plasmonic nanobubble detection for rapid and ultrasensitive virus diagnostics.. *Nature Communications*, **2022**, 13, 1687	17.4	0
31	Plasmonic LAMP: Improving the Detection Specificity and Sensitivity for SARS-CoV-2 by Plasmonic Sensing of Isothermally Amplified Nucleic Acids (Small 12/2022). *Small*, **2022**, 18, 2270059	11	
30	Facile synthesis of ternary AgInS2 nanowires and their self-assembly of fingerprint-like nanostructures. *Chinese Chemical Letters*, **2021**, 32, 1507-1510	8.1	2
29	The formation process of five-component Cu□h2nSeS nanocrystals from ternary Cu□hS and quaternary Cu□hSeS nanocrystals via gradually induced synthesis. *Journal of Materials Chemistry C*, **2021**, 9, 8537-8544	7.1	1
28	Single-Particle Counting Based on Digital Plasmonic Nanobubble Detection for Rapid and Ultrasensitive Diagnostics **2021**,		2
27	Seed-mediated growth of heterostructured CuS-MS (M = Zn, Cd, Mn) and alloyed CuNS (N = In, Ga) nanocrystals for use in structure- and composition-dependent photocatalytic hydrogen evolution. *Nanoscale*, **2020**, 12, 6111-6120	7.7	13
26	Template Regeneration in Galvanic Replacement: A Route to Highly Diverse Hollow Nanostructures. *ACS Nano*, **2020**, 14, 791-801	16.7	17
25	Signal amplification and quantification on lateral flow assays by laser excitation of plasmonic nanomaterials. *Theranostics*, **2020**, 10, 4359-4373	12.1	36
24	Self-healing supramolecular hydrogels through host-guest interaction between cyclodextrin and carborane. *Journal of Materials Chemistry B*, **2020**, 8, 10309-10313	7.3	12
23	Noble-Metal Nanostructures as Highly Efficient Peroxidase Mimics. *ChemNanoMat*, **2019**, 5, 860-868	3.5	7
22	From one-dimensional to two-dimensional wurtzite CuGaS nanocrystals: non-injection synthesis and photocatalytic evolution. *Nanoscale*, **2018**, 11, 158-169	7.7	29
21	PdRu Bimetallic Nanocrystals with a Porous Structure and Their Enhanced Catalytic Properties. *Particle and Particle Systems Characterization*, **2018**, 35, 1700386	3.1	10
20	Enhancing the sensitivity of colorimetric lateral flow assay (CLFA) through signal amplification techniques. *Journal of Materials Chemistry B*, **2018**, 6, 7102-7111	7.3	45
19	Noble-Metal Nanostructures as Artificial Enzymes: Controlled Synthesis and Electron Microscope Characterizations. *Microscopy and Microanalysis*, **2018**, 24, 1640-1641	0.5	
18	Engineered Noble-Metal Nanostructures for in Vitro Diagnostics. *Chemistry of Materials*, **2018**, 30, 8391-8414	9.4	26
17	An Enzyme-Free Signal Amplification Technique for Ultrasensitive Colorimetric Assay of Disease Biomarkers. *ACS Nano*, **2017**, 11, 2052-2059	16.7	104

List of Publications

16	Facile Colorimetric Detection of Silver Ions with Picomolar Sensitivity. *Analytical Chemistry*, **2017**, 89, 3622-3629	7.8	72
15	Polyvinylpyrrolidone (PVP)-Capped Pt Nanocubes with Superior Peroxidase-Like Activity. *ChemNanoMat*, **2017**, 3, 33-38	3.5	29
14	Platinum-Decorated Gold Nanoparticles with Dual Functionalities for Ultrasensitive Colorimetric in Vitro Diagnostics. *Nano Letters*, **2017**, 17, 5572-5579	11.5	167
13	A non-enzyme cascade amplification strategy for colorimetric assay of disease biomarkers. *Chemical Communications*, **2017**, 53, 9055-9058	5.8	22
12	Peroxidase-like properties of Ruthenium nanoframes. *Science Bulletin*, **2016**, 61, 1739-1745	10.6	29
11	Ru Nanoframes with an fcc Structure and Enhanced Catalytic Properties. *Nano Letters*, **2016**, 16, 2812-7	11.5	148
10	One-pot synthesis of CuInS2 nanocrystals using different anions to engineer their morphology and crystal phase. *Dalton Transactions*, **2015**, 44, 9251-9	4.3	30
9	Pd-Ir Core-Shell Nanocubes: A Type of Highly Efficient and Versatile Peroxidase Mimic. *ACS Nano*, **2015**, 9, 9994-10004	16.7	198
8	Tunable near-infrared localized surface plasmon resonances of djurleite nanocrystals: effects of size, shape, surface-ligands and oxygen exposure time. *Journal of Materials Chemistry C*, **2015**, 3, 6686-6691	7.1	23
7	Effects of alkanethiols chain length on the synthesis of Cu2−xS nanocrystals: phase, morphology, plasmonic properties and electrical conductivity. *RSC Advances*, **2014**, 4, 54547-54553	3.7	23
6	Synthesis of Cu2−xS nanocrystals induced by foreign metal ions: phase and morphology transformation and localized surface plasmon resonance. *CrystEngComm*, **2014**, 16, 8684-8690	3.3	23
5	One-pot controllable synthesis of wurtzite CuInS2 nanoplates. *Applied Surface Science*, **2014**, 307, 489-494	3.7	20
4	Tunable near-infrared localized surface plasmon resonances of heterostructured Cu_194S-ZnS nanocrystals. *Optical Materials Express*, **2014**, 4, 220	2.6	11
3	Controllable synthesis of silver and silver sulfide nanocrystals via selective cleavage of chemical bonds. *Nanotechnology*, **2013**, 24, 355602	3.4	30
2	Facile one-step synthesis and transformation of Cu(I)-doped zinc sulfide nanocrystals to Cu(1.94)S-ZnS heterostructured nanocrystals. *Langmuir*, **2013**, 29, 8728-35	4	43
1	Shape-controlled synthesis of PbS nanocrystals via a simple one-step process. *Langmuir*, **2012**, 28, 16436-43	4	31